

Cooling Motor Valve



Applications

- Valve for the control of coolant circuits in passenger cars, e.g. mixing valves, shut-off valves

Features

- Modular design for 2/2, 3/2 and 4/3 applications
- Direct absolute angle sensing of the valve position
- Control and feedback via LIN or PWM

Customer benefits

- Small pressure losses due to rotary vane valve design, low leakage
- Low power consumption due to motor drive
- Use e.g. in temperature control of passenger compartment, temperature control of EGR cooler, battery cooling

Technical Data

Cooling Motor Valve

Flow	25 l/min at ≤ 0.2 bar
Pressure	2 bar
Leakage	0.1 l/min at 1.6 bar
Nominal voltage	9 - 16 V DC
Current consumption	max. 1.5 A
Ambient temperature	-40...125 (restricted 150) [°C]
Media temperature max.	120 °C
Protection class	IP6K9K
Control	LIN or PWM
Switching time	< 2 sec.

Detailed information requested?

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